SHIP SYNOPTIC CODE (PART B)

- **ACCURATE OBSERVATIONS, PROPER ENCODING AND TIMELY TRANSMISSION OF THIS DATA IS ESSENTIAL.**

- **WHO USES THIS DATA:**

1. PRIMARY USER: NAVLANTMETOCCEN , NORFOLK

2. BATTLEGROUP ASSETS:

- EMBARKED OA DIVISIONS

- MOBILE ENVIRONMENTAL TEAM FORECASTERS

- **HOW DOES THIS DATA EFFECT THE FLEET:**
  - **SYNOPTIC DATA IS REVIEWED UPON RECEIPT AND USED FOR THE FOLLOWING:**

1. ACCURATELY FORECASTING HIGH WINDS/SEA.

2. DETERMINING COURSE DIVERTS TO ENSURE SHIP SAFETY

SHIP SYNOPTIC CODE (SECT 1)

- **<u>BBXX</u> (STANDARD ENTRY FOR ALL SHIPS)**
- **SHIPS FOUR LETTER CALL SUGN OR IDENTIFIER**

  EX: NJNR, NTIC

					SECTION 0													
										POSITION OF SHIP							
	SHIP FOUR LETTER CALL SIGN				DAY OF MONTH 01-31 UTC		TIME OF OBSERVATION NEAREST HOUR 00-23 UTC		WIND INDICATOR (3 OR .	POSITION INDICATOR	LATITUDE DEGREES & TENTHS			QUADRANT OF GLOBE	LONGITUDE DEGREES & TENTHS			
BBXX	OOOO				Y	Y	G	G	Iw	99	La	La	La	Qc	Lo	Lo	Lo	Lo
BBXX	N	T	I	C						99								
BBXX	N	T	I	C						99								
BBXX	N	T	I	C						99								

SHIP SYNOPTIC CODE (SECT 1 CONT)

- **YYGGIw 99LaLaLa QcLoLoLoLo**

YY: DAY OF THE MONTH

ENTER 2 DIGITS **01** THROUGH **31**

GG: TIME OF SYNOPTIC

ENTER **00, 03, 06, 09, 12, 15, 18, 21,**

Iw: WIND SPEED INDICATOR

ENTER **"4"** IF MEASURED USING THE SHIPS ANENOMETER ENTER **"3"** IF WINDS ARE ESTIMATED (*PMQ-3 READINGS ARE MEASURED*).

		SECTION 0				POSITION OF SHIP								
	SHIP FOUR LETTER CALL SIGN	DAY OF MONTH 01-31 UTC		TIME OF OBSERVATIO NEAREST HOUR 00-23 UTC		WIND INDICATOR (3 OF	POSITION INDICATO	LATITUDE DEGREES & TENTHS			QUADRANT OF GLOB	LONGITUDE DEGREES & TENTHS			
BBXX	OOOO	Y	Y	G	G	Iw	99	La	La	La	Qc	Lo	Lo	Lo	Lo
BBXX	N T I C	**0**	**3**	**0**	**0**	**4**	99								
BBXX	N T I C	**0**	**3**	**0**	**6**	**4**	99								
BBXX	N T I C	**0**	**3**	**1**	**2**	**4**	99								

SHIP SYNOPTIC CODE (SECT 1 CONT)

- **LATITUDE AND LONGITUDE DATA IS ENTERED EXACTLY THE SAME AS IN COLUMN A (PART A ABOVE)**
- **DIVIDE TENTHS DIGIT BY 6 AND DISREGARD THE REMAINDER.**

	SECTION 0																	
										POSITION OF SHIP								
	SHIP FOUR LETTER CALL SIGN				DAY OF MONTH 01-31 UTC		TIME OF OBSERVATION NEAREST HOUR 00-23 UTC		WIND INDICATOR (3 OR 4)	POSITION INDICATOR	LATITUDE DEGREES & TENTHS			QUADRANT OF GLOBE	LONGITUDE DEGREES & TENTHS			
BBXX	OOOO				Y	Y	G	G	Iw	99	La	La	La	Qc	Lo	Lo	Lo	Lo
BBXX	N	T	I	C	0	3	0	0	4	99	**3**	**0**	**7**	**7**	**0**	**7**	**6**	**4**
BBXX	N	T	I	C	0	3	0	6	4	99	**3**	**0**	**7**	**7**	**0**	**7**	**6**	**3**
BBXX	N	T	I	C	0	3	1	2	4	99	**3**	**0**	**7**	**7**	**0**	**7**	**6**	**3**

SHIP SYNOPTIC CODE (IrIxhVV)

Ir: PRECIPITATION DATA INDICATOR

ALWAYS ENTER 4

Ix: PRESENT WEATHER DATA INDICATOR

ENTER 1 TO INCLUDE PRESENT/PAST WEATHER GROUP (7wwW1W2)

OR ENTER 3 TO OMIT (NONE OBSERVED)

h: HEIGHT OF THE BASE OF THE LOWEST CLOUD. (LOW ER IN COL 10)

COL 10

CODE FOR CLOUD HEIGHT, h	
CODE FIGS.	HEIGHT IN FEET
0	160 OR LESS
1	160 TO 330
2	330 TO 660
3	660 TO 1000
4	1000 TO 2000
5	2000 TO 3300
6	3300 TO 5000
7	5000 TO 6600
8	6600 TO 8200
9	8300 OR MORE, OR NO CLOUDS
/	

SHIP SYNOPTIC CODE (IrIxhVV CONT)

- **"VV" - VISIBILITY:**

  ENTER THE CODE FIGURE (SEE TABLE) THAT

  REPRESENTS THE LOWEST VISIBILITY VALUE

  OBSERVED (LOWEST VALUE IN THE SECTORS).

- **THIS IS NOT NECESSARILY THE SAME AS THE VALUE ENTERED IN *COL 7 OF PART A.***

- ***CODE VALUE "97" WILL BE THE HIGHEST VALUE.***

			COD E	90-99
Ir	Ix	h	**V**	**V**
4	**1**	**3**	**9**	**6**
4	3	7	9	6
4	3	9	9	7

TABLE

CODE FOR VISIBILITY (VV)

VISIBILITY IN YD./ NAUT. MI.	CODE FIGS.
LESS THAN 55 YD	90
55 BUT LESS THAN 220 YD	91
220 BUT LESS THAN 550 YD	92
550 BUT LESS THAN 1/2 N MI	93
1/2 BUT LESS THAN 1 N. MI.	94
1 BUT LESS THAN 2 N. MI.	95
2 BUT LESS THAN 5 N. MI.	96
5 BUT LESS THAN 11 N. MI.	97
11 BUT LESS THAN 27 N. MI.	98
27 N. MI. OR MORE	99

SHIP SYNOPTIC CODE
SHIPS COURSE, SPEED & APPARENT WIND DATA

THIS INFORMATION IS ENTERED ON THE FORM BUT *NOT TRANSMITTED*

- COURSE AND SPEED DATA WILL BE THE SAME AS THAT ENTERED IN COLS B AND C.
- APPARENT WIND IS WHAT IS THE OBSERVED **RELATIVE WIND DIRECTION/SPEED.**

					SECTION 1			
PRECIPITATION DAT,	WEATHER CODE IN I	HEIGHT OF LOW E	VISIBILITY		SHIP'S COURSE AT	SHIP'S SPEED AT T	APPARENT WIND	
							DIRECTION RELAT FROM 0-360	SPEED
			90-99		TRUE	KNOTS		KNOTS
					ESTIMATED ANEMOMETER AND HEIGHT _____ 33m			( ) (X)
Ir	Ix	h	V	V				
4	1	3	9	6	076	08	350	04
4	3	7	9	6	090	15	330	12
4	3	9	9	7			080	08

SHIP SYNOPTIC CODE (Nddff)

"N" - **TOTAL AMOUNT OF SKY COVER IN EIGHTHS**

"dd" - **TRUE WIND DIRECTION IN TENS OF DEGREES FROM THE DIRECTION THE WIND IS BLOWING.**

- **ENTRY WILL BE THE *SAME AS COL 3 OF PART A***

"ff" - **TRUE WIND SPEED IN KNOTS (07, 32).**

					SECTION 1									
	TRUE WIND				HIGH SPEED WIND		TEMPERATURES							
TOTAL CLOUD AMOUNT (1-8)	DIRECTION FROM 01-36		SPEED KNOTS		GROUP INDICATOR	SPEED KNOTS	GROUP INDICATOR	SIGN OF TEMP (+=0,-=1)	DRY BULB ^{0}C		(Degrees & Tenths)			
N	d	d	f	f	00	f	f	f	1	S_n	T	T	T	
5	**3**	**3**	**1**	**2**										
7	**3**	**1**	**0**	**6**										
8	**0**	**0**	**0**	**0**										

SHIP SYNOPTIC CODE HIGH SPEED WIND & TEMPERATURE

- **HIGH SPEED WIND:** **DO NOT TRANSMIT. ENCODE IF WINDS ARE OVER 100 KTS.**
- **TEMPERATURE & DEWPOINT:**
  - **(1snTTT 2snTdTdTd)**
  - **"sn" SIGN OF TEMPERATURE (POSITIVE OR NEGATIVE)**

    0 = POSITIVE OR ZERO

    1 = NEGATIVE

  - **TTT AIR TEMP IN TENTHS OF DEGREE CELSIOUS**

    TdTdTd DEWPOINT TEMP IN WHOLE DEGREES CELSIUS

EXAMPLES: **TEMP: 10.3 C DEWPOINT: 8.0 C**

TEMP: 00.5 C DEWPOINT: -2.0 C

TEMP: -05.0 C DEWPOINT: -10.0 c

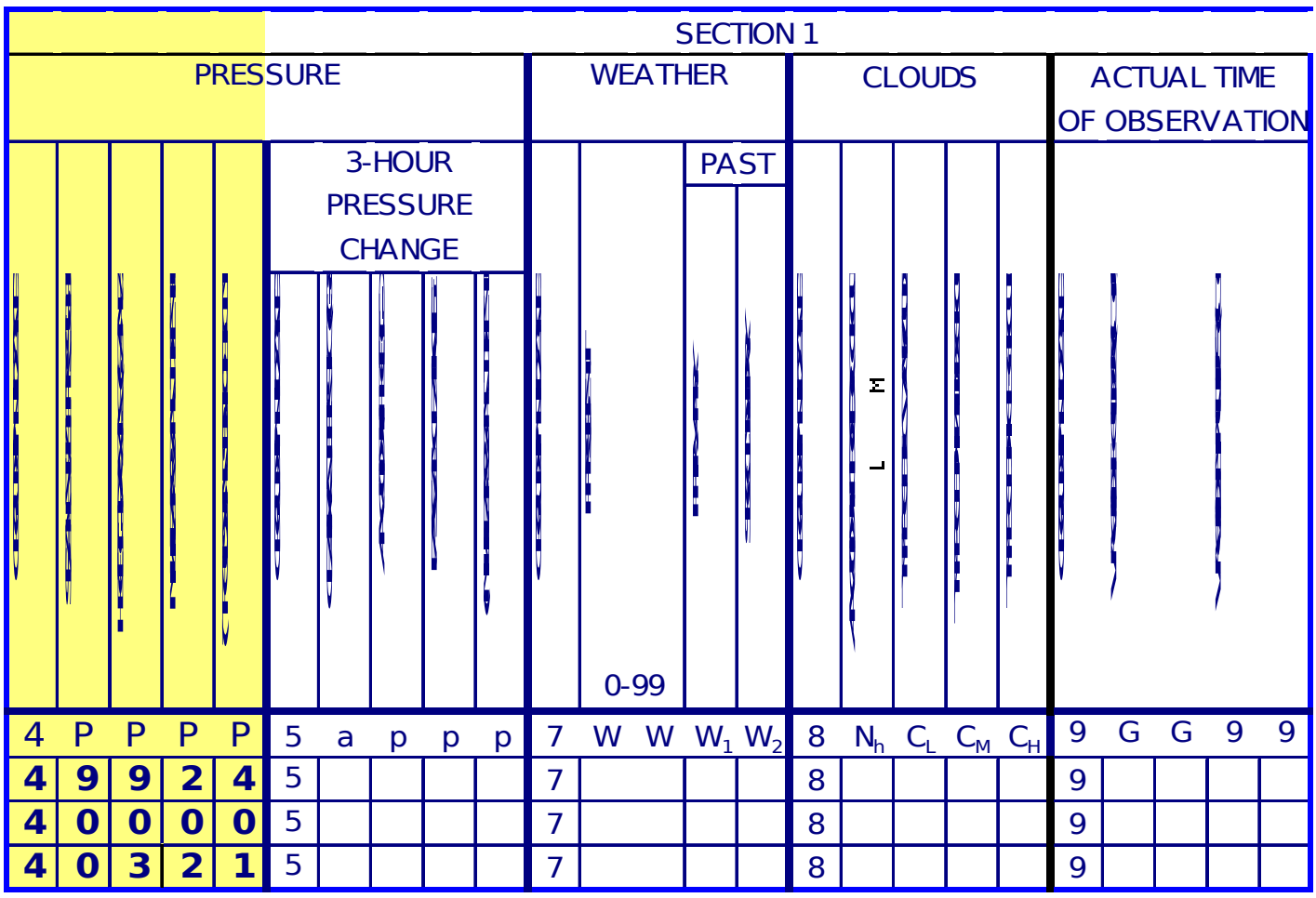
HIGH SPEED WIND				TEMPERATURES										
GROUP INDICATOR	SPEED			GROUP INDICATOR	SIGN OF TEMP (+=0, -=1)	Dry Bulb	DRY BULB	(Degrees & Tenths)	GROUP INDICATOR	SIGN OF DP (+=0, -=1)	DEWPOINT	(Whole Degrees)	Dewpoint	
	KNOTS					°C								
00	f	f	f	1	S_n	T	T	T	2	S_n	T_d	T_d	T_d	
				1	**0**	**1**	**0**	**3**	**2**	**0**	**0**	**8**	/	
				1	**0**	**0**	**0**	**5**	**2**	**1**	**0**	**2**	/	
				1	**1**	**0**	**5**	**0**	**2**	**1**	**1**	**0**	/	

SHIP SYNOPTIC CODE
SEA LEVEL PRESSURE
(4PPPP)

- **ENTERED IN TENS, UNITS, AND TENTHS OF A MILLIBAR**

- **WHEN SEA LEVEL PRESSURE IS 1000MB OR GREATER, THE LEADING 1 IS OMITTED.**

EXAMPLES: **992.4 MB**
1000.0 MB
1032.1 MB


SECTION 1
PRESSURE
WEATHER
CLOUDS
ACTUAL TIME OF OBSERVATION
3-HOUR PRESSURE CHANGE
PAST
0-99
L
M
4 P P P P 5 a p p p 7 W W W1 W2 8 Nh CL CM CH 9 G G 9 9
4 9 9 2 4 5 7 8 9
4 0 0 0 0 5 7 8 9
4 0 3 2 1 5 7 8 9

SHIP SYNOPTIC CODE PRESSURE TENDENCY (5appp)

- **NOT ENTERED WHEN THE SHIP IS UNDERWAY.**
- **ENTERED WHEN THE SHIP IS ANCHORED.**

- **TENDENCIES ARE CALCULATED USING THE CHANGE AND CHARACTERISTIC RECORDED ON THE FORM DURING THE PAST 3 HOURS. (NOT INCLUDING THIS SYNOPTIC TIME).**

- **USING THE TENDENCY CHART PROVIDE, OBSERVING THE 3 HOUR TENDECY IN PART A**

EXAMPLE : (***USE SEA LEVEL PRESSURE COL 22a***)

1159Z PRESSURE: 1025.5
1256Z PRESSURE: 1015.5 DOWN
1358Z PRESSURE: 1008.0 DOWN
NET CHANGE: 17.5

SECTION 1																						
PRESSURE											WEATHER				CLOUDS					ACTUAL TIME OF OBSERVATION				
					3-HOUR PRESSURE CHANGE								PAST											
GROUP NO.					CHARACTERISTIC					AMOUNT	GROUP NO.	PRESENT	PAST		GROUP NO.	AMOUNT	LOW	MEDIUM	HIGH	GROUP NO.				
												0-99												
4	P	P	P	P	5	a	p	p	p		7	W	W	W_1	W_2	8	N_h	C_L	C_M	C_H	9	G	G	9	9
4	9	9	2	4	5	7	1	7	5		7					8					9				
4	0	0	0	0	5						7					8					9				
4	0	3	2	1	5						7					8					9				

SHIP SYNOPTIC CODE PRESENT WEATHER (7wwW1W2)

THE 99 TYPES OF PRESENT WEATHER

REFER TO THE PRESENT WEATHER TABLE

"WW" - PRESENT WEATHER AT OBSERVATION TIME

INDICATED IN COL 9 OF PART A: (USE THE FIRST VALUE)

EXAMPLE: SHRAFG TABLE CODE: 81

"W1W2" - PAST WEATHER

EVEN SYNOPTIC - PAST 6 HOURS, ODD - PAST 3 HOURS.

W1: HIGHEST PRIORITY (USE TABLE BELOW RIGHT)

W2: SECOND HIGHEST PRIORITY (USE SAME TABLE)

- **ENTER 7//// FOR NO SIGNIFICANT PRESENT/PAST WEATHER**

WEATHER				CLOUDS					
		PAST							
	0-99								
7	W W	W_1	W_2	8	N_h	C_L	C_M	C_H
7	8 1	0	1	8				
7				8				
7	8 1	0	1	8				

PAST WEATHER

Codes for Past Weather, W_1W_2	
Code	
9	Thunderstorm(s) with or without precipitation
8	Shower(s)
7	Snow, or rain and snow mixed
6	Rain
5	Drizzle
4	Fog, ice fog, or thick haze (visibility was less than 1/2 nautical mile)
3	Sandstorm, dust storm, or blowing snow
2	Cloud cover more than 1/2 throughout period
1	Cloud cover more than 1/2 for part of period, and 1/2 or less for another part period
0	Cloud cover 1/2 or less throughout period

SHIP SYNOPTIC CODE
THE CLOUD GROUP
(8NhClCmCh)

- **"Nh": AMOUNT OF LOW OR MID CLOUD PRESENT**
  ENCODE AMOUNT IN EIGHTS (1 = 1/8 AMOUNT)
  ENCODE 9 WHEN SKY IS OBSCURED (EX: FOG)
- **"Cl": LOW CLOUD TYPE PRESENT**
  ENCODE 1-9 BASED ON PRIORITY (USE TABLES)
- **"Cm": MID CLOUD PRESENT (ENCODE SAME AS Cl)**
- **"Ch": HIGH CLOUD PRESENT (SAME).**

EXAMPLES FROM COL 10:

FEW10 SCT43 BKN180 ***CODED: 84803***

8 BKN 25 OVC: ***CODED 888//***

CLEAR SKIES ENTER 80000

WEATHER					CLOUDS					ACTUAL TIME OF OBSERVATION				
		PAST												
	0–99													
7	W W	W_1	W_2		8	N_h	C_L	C_M	C_H	9	G	G	9	9
7					8	**8**	**4**	**0**	**3**	9				
7					8	**8**	**8**	/	/	9				
7					8	**0**	**0**	**0**	**0**	9				

SHIP SYNOPTIC CODE (9GGgg)

- **IDENTIFIES THAT THE ACTUAL TIME OF OBSERVATION WAS <u>NOT</u> WITHIN THE DESGINATED 10 MINUTE (45 - 55 MINUTES PAST THE HOUR) TIME FRAME.**
  - **DUE TO SHIPBOARD OPERATIONS/EXERCISES**

- **"<u>GG</u>": HOUR IN UTC (TENS AND UNIT).**
- **"<u>gg</u>": MINUTES (TENS AND UNITS).**

WEATHER					CLOUDS					ACTUAL TIME OF OBSERVATION				
			PAST			L M								
	0-99													
7	W	W	W_1	W_2	8	N_h	C_L	C_M	C_H	9	G	G	9	9
7					8					9	1	6	0	5
7					8					9	1	6	4	0
7					8					9	1	7	3	0

SHIP SYNOPTIC CODE (SECT 2) SHIPS COURSE & SPEED (222DsVs)

- **"Ds ":** **COURSE MADE GOOD DURING THE 3 HOURS PRECEDING THE OBSERVATION**

  - **USE 8 POINTS OF THE COMPASS (EX: 1=NE, 4=S, 8=N)**
  - **ENTER "9" IF DIRECTION UNKNOWN**
  - **ENTER "/" IF ANCHORED**

- **"Vs":** **SHIPS AVERAGE SPEED MADE GOOD DURING THE 3 HOURS PROCEEDING THE TIME OF OBSERVATION (USE TABLE BELOW RIGHT).**

SECTION 2								
SHIP'S COURSE AND SPEED			SEA SURFACE TEMPERATURE					
GROUP AND SEC INDICATOR	COURSE MADE GOO	AVG SPEED MADE GO	GROUP INDICAT	SIGN TYPE OF TE	DEGREES AND TE °C			
222	D_s	V_s	0	S_s	T_w	T_w	T_w	
222	**8**	**2**	0					
222	**3**	**3**	0					
222	**5**	**4**	0					

Code for Ship's Average Speed, V_s	
Code Figures	True Speed
0	0 knot
1	1 to 5 knots
2	6 to 10 knots
3	11 to 15 knots
4	16 to 20 knots
5	21 to 25 knots
6	26 to 30 knots
7	31 to 35 knots
8	36 to 40 knots
9	Over 40 knots
/	Not reported

SHIP SYNOPTIC CODE
SEA SURFACE TEMPERATURE
(0SsTwTwTw)

- **"Ss": SIGN OF THE SEA TEMP**
  - **ENTER "0" FOR POSITIVE**
  - **ENTER "1" FOR NEGATIVE**

- **"TwTwTw": SEA SURFACE TEMPERATURE IN CELSIUS. CONVERT TEMPERATURE TO CELSIUS TO THE NEAREST TENTH (10.3)**
  - **OMIT GROUP IF SEA TEMP CANNOT BE OBSERVED.**

- **SEA TEMP: 12.4 C**
  1.1 C
  15 C

SECTION 2							
SHIP'S COURSE AND SPEED			SEA SURFACE TEMPERATURE				
GROUP AND INDICATOR	COURSE MADE	AVG SPEED MADE	GROUP IN	SIGN TYPE	DEGREES A °C		
222	D_S	V_S	0	S_S	T_W	T_W	T_W
222	**8**	**2**	0	**0**	**1**	**2**	**4**
222	**3**	**3**	0	**1**	**0**	**1**	**1**
222	**5**	**4**	0	**0**	**1**	**5**	

SHIP SYNOPTIC CODE
SEA WAVES
(2PwPwHwHw)

- **“PwPw”: PERIOD OF SEA WAVES**
  ENTER THE SAME AS IN COL E ABOVE

- **“HwHw”: HEIGHT OF SWELL WAVES (IN 1/2 METERS)**
  MATCH THE HEIGHT ENTERED IN COL F TO THE TABLE AND ENTER VALUE FROM TABEL.

- **COL E ENTRY: (0304)**
- **“HwHw” ENTRY: (20302)**

SECTION 2																				
WAVES																				
SEA WAVES					SWELLS															
					DIRECTION FROM				PREDOMINATE SWELL					SECONDARY SWELL						
GROUPE INDICATOR	PERIOD (SEC)		HEIGHT (Half Meter		INDICATOR	DOMINATE SWELL °T 01-36		SECONDARY SWELL °T 01-36		INDICATOR	PERIOD (SEC)		HEIGHT (Half Meter)		INDICATOR	PERIOD (SEC)		HEIGHT (Half Meters)		
2	P_W	P_W	H_W	H_W	3	d_{w1}	d_{w1}	d_{w2}	d_{w2}	4	P_{W1}	P_{W1}	H_{W1}	H_{W1}	5	P_{W2}	P_{W2}	H_{W2}	H_{W2}	
2	**0**	**3**	**0**	**2**	3					4					5					
2					3					4					5					
2					3					4					5					

SHIP SYNOPTIC CODE
DIRECTION OF SWELLS
(3Dw1Dw1Dw2Dw2)

DIRECTION OF PRIMARY & SECONDARY SWELL WAVES

- **"Dw1Dw1": DIRECTION OF PRIMARY SWELL WAVES.**
  - **ENTER IN HUNDREDS AND TENS THE DIRECTION FROM WHICH THE SWELLS ARE COMING.**
  - **WHEN NONE ARE VISIBLE ENTER "//" (MOST COMMON)**
  - **OMIT GROUP IF NO SWELLS ARE OBSERVED.**

- **"Dw2Dw2: DIRECTION OF SECONDARY SWELL WAVES.**
  - **ENTER THE SAME AS PRIMARY SWELL.**

EXAMPLE: PRIMARY SWELL FROM 330 DEGREES
SECONDARY SWELL FROM 090 DEGREES
ENTER: 33309

- **IF NO SWELLS ENTER: 30000**

SECTION 2																				
WAVES																				
SEA WAVES					SWELLS															
GROUPE INDIC/	PERIOD (SEC		HEIGHT (Half M		DIRECTION FROM					PREDOMINATE SWELL					SECONDARY SWELL				
					INDICATOR	DOMINATE SWELL °T 01-36		SECONDARY SWELL °T 01-36		INDICATOR	PERIOD (SEC		HEIGHT (Half Meter)		INDICATOR	PERIOD (SEC		HEIGHT (Half Meters	
2	P_W	P_W	H_W	H_W	3	d_{w1}	d_{w1}	d_{w2}	d_{w2}	4	P_{W1}	P_{W1}	H_{W1}	H_{W1}	5	P_{W2}	P_{W2}	H_{W2}	H_{W2}
2					3	**3**	**3**	**0**	**9**	4					5				
2					3	**2**	**7**	**0**	**0**	4					5				
2					3	**0**	**0**	**0**	**0**	4					5				

SHIP SYNOPTIC CODE
PERIOD/HEIGHT OF PRIMARY SWELL
(4Pw1Pw1Hw1Hw1)

- **"Pw1Pw1":** PERIOD OF PRIMARY SWELL
  - ENTER PERIOD AS ENTERED IN COL F OF PART A

- **Hw1Hw1":** HEIGHT OF PRIMARY SWELL IN 1/2 METERS.
  - TAKE HEIGHT OF SWELL ENTERED IN COL F OF PART A AND CONVERT TO HALF METERS USING CODE TABLE

- **EXAMPLE:** (COL F OF PART A)
  SWELL FROM 360 DEG, PERIOD 6 SECS, HEIGHT OF 6 FT
  CODED ENTRY: 33600 40604
  NOTE: 1. "00" IN 3 GROUP INDICATES NO SECONDARY SWELL.
  2. 6 FT WAVES CONVERTS TO CODE FIGURE 4.

- **ENTER: 40000 50000 IF NO SWELLS ARE PRESENT**

SECTION 2																				
WAVES																				
SEA WAVES					SWELLS															
					DIRECTION FROM					PREDOMINATE SWELL					SECONDARY SWELL					
GROUPE INDICAT	PERIOD (SEC)		HEIGHT (Half Me		INDICATOR	DOMINATE SWELL °T 01-36		SECONDARY SWELL °T 01-36		INDICATOR	PERIOD (SEC)		HEIGHT (Half Meter)		INDICATOR	PERIOD (SEC)		HEIGHT (Half Meters)		
2	P_W	P_W	H_W	H_W	3	d_{w1}	d_{w1}	d_{w2}	d_{w2}	4	P_{W1}	P_{W1}	H_{W1}	H_{W1}	5	P_{W2}	P_{W2}	H_{W2}	H_{W2}
2	0	3	0	2	3	3	6	0	0	4	0	6	0	4	5	0	0	0	0
2					3	3	3	0	6	4	0	3	0	2	5	0	0	0	0
2	0	0	0	0	3	0	0	0	0	4	0	0	0	0	5	0	0	0	0

SHIP SYNOPTIC CODE PERIOD/HEIGHT OF SECONDARY SWELL (5Pw2Pw2Hw2Hw2)

- **ENTER SECONDARY SWELL PERIOD AND HEIGHT *IDENTICAL* TO PRIMARY PERIOD AND HEIGHT (4Pw1Pw1Hw1Hw1).**

- **ENTER 0000 IF NO SECONDARY SWELL IS OBSERVED.**

SECTION 2																				
WAVES																				
SEA WAVES			SWELLS																	
			DIRECTION FROM			PREDOMINATE SWELL				SECONDARY SWELL										
GROUPE INDICATOR	PERIOD (SEC)	HEIGHT (Half Meters)	INDICATOR	DOMINATE SWELL °T 01-36	SECONDARY SWELL °T 01-36	INDICATOR	PERIOD (SEC)	HEIGHT (Half Meter)		INDICATOR	PERIOD (SEC)		HEIGHT (Half Meters)							
2	P_W	P_W	H_W	H_W	3	d_{w1}	d_{w1}	d_{w2}	d_{w2}	4	P_{W1}	P_{W1}	H_{W1}	H_{W1}	5	P_{W2}	P_{W2}	H_{W2}	H_{W2}	
2	0	3	0	2	3	3	6	0	0	4	0	6	0	4	5	0	0	0	0	
2	0	0	0	0	3	3	3	0	6	4	0	3	0	2	5	0	4	0	4	
2	0	1	0	1	3	0	0	0	0	4	0	0	0	0	5	0	0	0	0	

PART C
QUARTERMASTER INFORMATION

- **THE 3144.1D AND METAR IMPLEMENTATION**
- **- TO RECEIVE THE 3144.1D ORDER VIA THE FOLLOWING:**

NAVAL INVENTORY CONTROL POINT

COG "I" MATERIAL

700 ROBBINS AVENUE

PHILADELPHIA PA 19111-5098

SHIPS OBSERVATION FORM

NSN: 0108-LF-019-3000

PART C
WEAX/OTSR MOVREP GUIDELINES

- **FOLLOW THE INSTRUCTIONS IN THE 3140.1J OR THE METOC INFO GUIDE**

- **MODIFY THIS STATEMENT WITH EVERY MOVREP**

- **DO NOT REQUEST WEAX WHEN OPERATING WITHIN THE EAST COAST OPERATING AREAS. THESE AREAS ARE COVERED 24 HOURS A DAY BY OTHER FORECASTS**

- **OTSR REQUESTS REQUIRE SPECIFIC INFORMATION**